



July 2009

**DEPARTMENT OF EDUCATION**  
2008–2009 School Year Reports

Dear School Board Members and School Personnel:

The Maine Educational Assessment (MEA) is the State's measure of student progress in achieving the State accountability standards of Maine's *Learning Results*. The *Learning Results* contain goals for what all students should know and be able to do at certain times in their school careers and include the accountability standards that are assessed for each grade. The MEA is administered to students in all grades 3 through 8 to meet state assessment requirements and the requirements of the federal *No Child Left Behind* Act.

The 2008-2009 MEA Summary Reports contain the results of student achievement in reading and mathematics at all grades and science at grades 5 and 8 and disaggregated by student and school characteristics. This report, together with MEA individual student and subject-specific class analysis reports, provides support for use in program evaluation and planning.

MEA results reflect scores based on test questions that are taken in common by the approximately 15,000 students in each grade level. Students' scores in each content area are based on answers to a combination of multiple-choice questions and questions that require students to construct an answer. More information about the MEA is available at [www.maine.gov/education/mea/index.htm](http://www.maine.gov/education/mea/index.htm).

I look forward to working with you in support of our continued efforts to improve the quality and effectiveness of the instructional opportunities designed to help all students achieve the high standards of the *Learning Results* and demonstrate that achievement through performance on the assessments.

Sincerely,

Susan A. Gendron  
Commissioner of Education



## School Report Grade 8

Test Date: March 2009  
Code: 12401652  
SAU: MSAD 46  
School: Dexter Middle School

### Contents of the Report

The report is divided into two main sections including a section describing the students tested and a separate section for the results in each content area.

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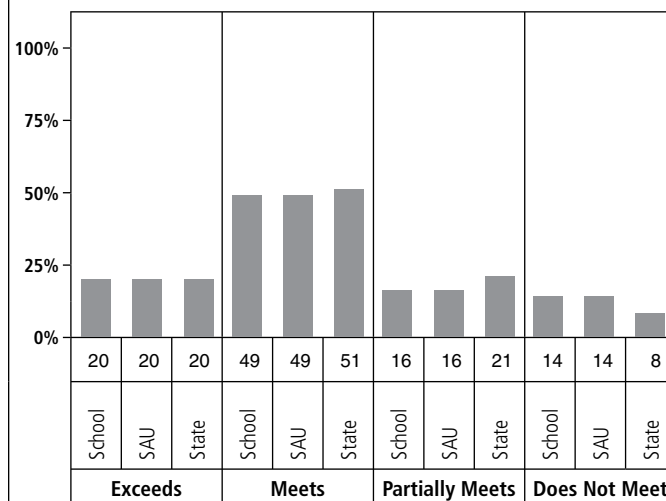
# SUMMARY OF SCORES

Test Date: March 2009  
Grade: 8  
SAU: MSAD 46  
School: Dexter Middle School

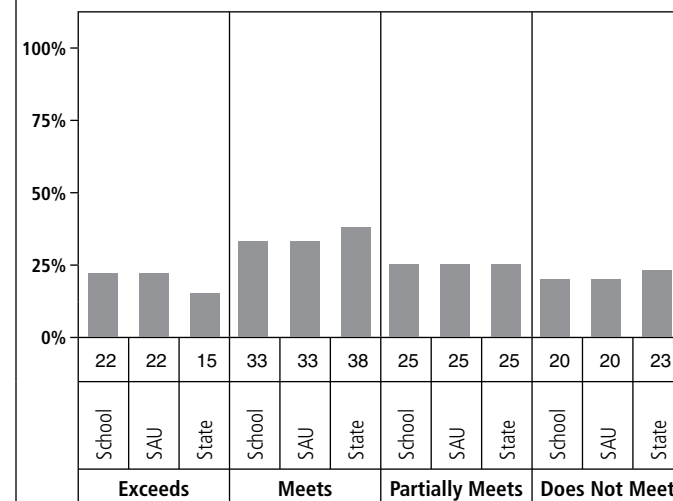
## Summary of School, SAU, and State Scores

Year	Average Scaled Score		
	School	SAU	State
<b>ELA – Reading</b>			
2006–2007	845	845	847
2007–2008	850	850	849
<b>2008–2009</b>	<b>848</b>	<b>848</b>	<b>850</b>
Cum. Avg.*	848	848	849
<b>Mathematics</b>			
2006–2007	838	838	842
2007–2008	842	842	841
<b>2008–2009</b>	<b>845</b>	<b>845</b>	<b>843</b>
Cum. Avg.*	842	842	842
<b>Science</b>			
<b>2008–2009 **</b>	<b>848</b>	<b>848</b>	<b>846</b>

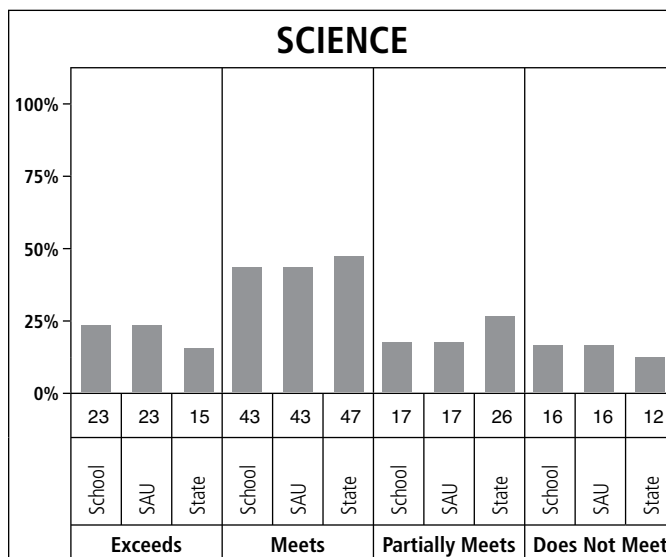
### ELA – READING



### MATHEMATICS



### SCIENCE



\*Cumulative averages are weighted, i.e., the scaled scores are averaged proportionally based on the numbers of students in each year.

\*\* Because science standards were reset in May 2009, no historical data are available

# SUMMARY OF STUDENT PARTICIPATION

Test Date: March 2009  
Grade: 8  
SAU: MSAD 46  
School: Dexter Middle School

CATEGORY OF PARTICIPATION	Enrollment <sup>1</sup> during testing window						CONTENT AREA PARTICIPATION <sup>2</sup>																	
							ELA-Reading						Mathematics						Science					
	School		SAU		State		School		SAU		State		School		SAU		State		School		SAU		State	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
<b>Total number of students</b>	71	100	71	100	14804	100	71	100	71	100	14659	99	71	100	71	100	14653	99	71	100	71	100	14626	99
<b>Ethnicity</b> African American/Black	2	3	2	3	377	3	2	100	2	100	366	97	2	100	2	100	371	98	2	100	2	100	367	97
American Indian or Native Alaskan	2	3	2	3	119	1	2	100	2	100	117	99	2	100	2	100	115	97	2	100	2	100	116	98
Asian or Pacific Islander	1	1	1	1	238	2	1	100	1	100	232	97	1	100	1	100	234	98	1	100	1	100	234	98
Hispanic	1	1	1	1	192	1	1	100	1	100	188	98	1	100	1	100	191	100	1	100	1	100	190	99
Caucasian/White	65	92	65	92	13878	94	65	100	65	100	13756	99	65	100	65	100	13742	99	65	100	65	100	13719	99
Not Reported	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Identified disability</b>	9	13	9	13	2489	17	9	100	9	100	2434	99	9	100	9	100	2424	98	9	100	9	100	2418	98
<b>Current LEP</b>	0	0	0	0	349	2	0	0	0	0	331	95	0	0	0	0	342	98	0	0	0	0	338	97
<b>Economically disadvantaged</b>	42	59	42	59	5460	37	42	100	42	100	5380	99	42	100	42	100	5377	99	42	100	42	100	5359	98
<b>Migrant</b>	0	0	0	0	6	0	0	0	0	0	6	100	0	0	0	0	6	100	0	0	0	0	6	100

MODE OF PARTICIPATION <sup>3</sup>	ELA-Reading						Mathematics						Science					
	School		SAU		State		School		SAU		State		School		SAU		State	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
<b>Participation without accommodations</b>	63	89	63	89	12132	82	63	89	63	89	12124	82	63	89	63	89	12169	82
Identified disability (PET/IEP)	1	2	1	2	379	3	1	2	1	2	380	3	1	2	1	2	425	3
LEP	0	0	0	0	166	1	0	0	0	0	169	1	0	0	0	0	168	1
504 plan	0	0	0	0	200	2	0	0	0	0	200	2	0	0	0	0	202	2
<b>Participation with accommodations</b>	6	8	6	8	2349	16	6	8	6	8	2347	16	6	8	6	8	2288	15
Identified disability (PET/IEP)	6	100	6	100	1877	80	6	100	6	100	1862	79	6	100	6	100	1824	80
LEP	0	0	0	0	158	7	0	0	0	0	167	7	0	0	0	0	165	7
504 plan	0	0	0	0	70	3	0	0	0	0	70	3	0	0	0	0	66	3
Other	0	0	0	0	292	12	0	0	0	0	297	13	0	0	0	0	280	12
<b>Participation through alternate assessment (PAAP)</b>	2	3	2	3	178	1	2	3	2	3	182	1	2	3	2	3	169	1
Identified disability (PET/IEP)	2	100	2	100	178	100	2	100	2	100	182	100	2	100	2	100	169	100
LEP	0	0	0	0	7	4	0	0	0	0	6	3	0	0	0	0	5	3
504 plan	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Approved non-participation in reading – 1st year LEP</b>	0	0	0	0	0	0												
<b>Approved non-participation – special consideration</b>	0	0	0	0	32	0	0	0	0	0	34	0	0	0	0	0	38	0
<b>Non-participation – other</b>	0	0	0	0	113	1	0	0	0	0	117	1	0	0	0	0	140	1

<sup>1</sup>Percents are the percentage of students enrolled in each participation category.

<sup>2</sup>Percents are the percentage of students, including those who participated through alternate assessment (PAAP), who participated in the content area.

<sup>3</sup>Percents are the percentage of students in each content area by mode.

# ELA–READING RESULTS

Test Date: March 2009  
Grade: 8  
SAU: MSAD 46  
School: Dexter Middle School

ACHIEVEMENT LEVEL DEFINITIONS		STUDENTS AT EACH ACHIEVEMENT LEVEL					
		School		SAU		State	
		N	%	N	%	N	%
<b>Exceeds the Standards</b> – The student’s work demonstrates the ability to read and interpret literary and informational texts appropriate for the grade level by drawing in-depth inferences, analyzing texts for subtle clues, synthesizing information across texts, and using his/her knowledge of text features and literary devices to make deeper connections within or across texts to increase comprehension. (Scaled Score 862–880)	2006-2007	7	13	7	13	2407	16
	2007-2008	17	26	17	26	3428	23
	<b>2008-2009</b>	<b>14</b>	<b>20</b>	<b>14</b>	<b>20</b>	<b>2857</b>	<b>20</b>
	Cum. Total*	38	20	38	20	8692	19
<b>Meets the Standards</b> – The student’s work demonstrates the ability to read and interpret literary and informational texts appropriate for the grade level by drawing inferences, summarizing main ideas and providing supporting details, connecting ideas within and across texts, and using his/her knowledge of text features and literary devices to increase comprehension. (Scaled Score 842–860)	2006-2007	25	46	25	46	7494	49
	2007-2008	32	48	32	48	7179	48
	<b>2008-2009</b>	<b>34</b>	<b>49</b>	<b>34</b>	<b>49</b>	<b>7431</b>	<b>51</b>
	Cum. Total*	91	48	91	48	22104	49
<b>Partially Meets the Standards</b> – The student’s work demonstrates an inconsistent ability to read and interpret literary and informational texts appropriate for the grade level. The student’s ability to draw inferences, summarize main ideas and provide supporting details, connect ideas within and across texts, and use his/her knowledge of text features and literary devices varies depending on the texts. (Scaled Score 830–840)	2006-2007	11	20	11	20	3628	24
	2007-2008	9	14	9	14	2706	18
	<b>2008-2009</b>	<b>11</b>	<b>16</b>	<b>11</b>	<b>16</b>	<b>2979</b>	<b>21</b>
	Cum. Total*	31	16	31	16	9313	21
<b>Does Not Meet the Standards</b> – The student’s work demonstrates a limited ability to read and interpret literary and informational texts appropriate for the grade level. The student’s responses are often vague or incorrect leaving the impression that the student found it difficult to draw inferences, summarize main ideas and provide supporting details, connect ideas within and across texts, or use his/her knowledge of text features and literary devices to support comprehension. (Scaled Score 800–828)	2006-2007	11	20	11	20	1810	12
	2007-2008	8	12	8	12	1611	11
	<b>2008-2009</b>	<b>10</b>	<b>14</b>	<b>10</b>	<b>14</b>	<b>1214</b>	<b>8</b>
	Cum. Total*	29	15	29	15	4635	10

Learning Results Content Standards	Number of Points Possible		Average Points Attained (Number and Percent)					
			School		SAU		State	
	N	%	N	%	N	%	N	%
Reading Total Points	56	100	34.1	60.9	34.1	60.9	35.5	63.4
A1/A2 Interconnected Elements/Literary Text	20	36	12.0	60.0	12.0	60.0	12.3	61.5
A1/A3/4 Interconnected Elements/Informational Text/Persuasive Text	36	64	22.1	61.4	22.1	61.4	23.2	64.4

The MEA measures student achievement of the interconnected elements of the reading process based on questions related to literary and informational/persuasive reading passages. Reading passages include both long and short texts, selected from developmentally appropriate works. MEA reading items measure the English Language Arts accountability content standard A, Reading, contained in Maine’s 2007 *Learning Results: Parameters for Essential Instruction*, which can be found at:  
<http://www.maine.gov/education/lres/pei/index.html>.

# ELA-READING RESULTS

## (CONTINUED)

Test Date: March 2009  
Grade: 8  
SAU: MSAD 46  
School: Dexter Middle School

REPORTING CATEGORIES	School										SAU						State					
	Tested	E		M		P		D		Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score
	N	N	%	N	%	N	%	N	%		N	%	%	%	%		N	%	%	%	%	
<b>All Students</b>	69	14	20	34	49	11	16	10	14	848	69	20	49	16	14	848	14481	20	51	21	8	850
<b>Ethnicity</b>																						
African American/Black	2										2						362	8	43	29	20	843
American Indian or Native Alaskan	2										2						116	10	46	26	18	843
Asian or Pacific Islander	1										1						231	28	43	19	10	851
Hispanic	1										1						186	17	48	23	12	847
Caucasian/White	63	14	22	31	49	9	14	9	14	848	63	22	49	14	14	848	13586	20	52	20	8	850
Not Reported	0										0						0					
<b>Identified disability</b>																						
Yes	7	0	0	1	14	2	29	4	57	825	7	0	14	29	57	825	2256	2	25	40	34	834
No	62	14	23	33	53	9	15	6	10	850	62	23	53	15	10	850	12225	23	56	17	4	853
<b>Current LEP</b>																						
Yes	0										0						324	5	34	36	26	838
No	69	14	20	34	49	11	16	10	14	848	69	20	49	16	14	848	14157	20	52	20	8	850
<b>Economically disadvantaged</b>																						
Yes	40	7	18	17	43	7	18	9	23	844	40	18	43	18	23	844	5277	10	46	29	15	844
No	29	7	24	17	59	4	14	1	3	852	29	24	59	14	3	852	9204	26	54	16	5	853
<b>Migrant</b>																						
Yes	0										0						5	0	40	60	0	841
No	69	14	20	34	49	11	16	10	14	848	69	20	49	16	14	848	14476	20	51	21	8	850
<b>Gender</b>																						
Female	38	11	29	14	37	9	24	4	11	850	38	29	37	24	11	850	7074	25	51	18	6	852
Male	31	3	10	20	65	2	6	6	19	845	31	10	65	6	19	845	7407	14	51	23	11	847
Not Reported	0										0						0					
<b>Title 1A targeted program</b>																						
Yes	5	0	0	4	80	1	20	0	0	846	5	0	80	20	0	846	857	9	43	35	14	843
No	64	14	22	30	47	10	16	10	16	848	64	22	47	16	16	848	13624	20	52	20	8	850
<b>Gifted/talented program</b>																						
Yes	0										0						700	69	30	1	0	867
No	69	14	20	34	49	11	16	10	14	848	69	20	49	16	14	848	13781	17	52	22	9	849

E = Exceeds the Standards M = Meets the Standards P = Partially Meets the Standards D = Does Not Meet the Standards

NOTE: Some achievement level results have been left blank because fewer than five (5) students were tested. N = Number

# ELA-READING RESULTS

## (QUESTIONNAIRE ITEMS)

Test Date: March 2009  
Grade: 8  
SAU: MSAD 46  
School: Dexter Middle School

QUESTIONNAIRE ITEMS	School										SAU						State					
	Students in Each Category	E		M		P		D		Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score
	%	N	%	N	%	N	%	N	%		%	%	%	%	%		%	%	%	%	%	
<b>How much homework do you do on school nights?</b>																						
A. none	10	2	29	1	14	1	14	3	43	835	10	29	14	14	43	835	8	8	39	29	24	841
B. less than one hour	54	7	19	17	46	8	22	5	14	848	54	19	46	22	14	848	51	17	53	22	8	849
C. one to two hours	33	5	22	14	61	2	9	2	9	850	33	22	61	9	9	850	36	24	52	18	5	852
D. more than two hours	3	0	0	2	100	0	0	0	0	853	3	0	100	0	0	853	5	29	45	18	9	852
<b>Which of the following best describes how you rate yourself as a student in reading?</b>																						
A. very good	33	8	35	11	48	1	4	3	13	852	33	35	48	4	13	852	31	35	50	11	4	856
B. good	30	5	24	11	52	3	14	2	10	852	30	24	52	14	10	852	47	16	55	21	7	849
C. fair	23	1	6	9	56	3	19	3	19	841	23	6	56	19	19	841	18	5	47	33	15	842
D. poor	13	0	0	3	33	4	44	2	22	837	13	0	33	44	22	837	3	2	39	37	22	839
<b>How well do the questions that you have just been given on this MEA test match what you have learned in school about reading?</b>																						
A. The questions on the test match what I have learned in reading class.	36	7	28	10	40	4	16	4	16	847	36	28	40	16	16	847	32	27	54	14	5	853
B. They match some of what I have learned.	46	7	22	18	56	3	9	4	13	851	46	22	56	9	13	851	52	18	53	22	8	850
C. They match just a little of what I have learned.	14	0	0	6	60	3	30	1	10	843	14	0	60	30	10	843	12	11	45	29	15	844
D. There is no match.	3	0	0	0	0	1	50	1	50	825	3	0	0	50	50	825	4	6	34	33	26	838
<b>How difficult was the reading part of this test?</b>																						
A. more difficult than my regular schoolwork	19	1	8	8	62	1	8	3	23	843	19	8	62	8	23	843	15	13	42	28	17	844
B. about the same as my regular schoolwork	65	9	20	23	51	8	18	5	11	849	65	20	51	18	11	849	64	19	53	20	7	850
C. easier than my regular schoolwork	16	4	36	3	27	2	18	2	18	849	16	36	27	18	18	849	22	25	52	16	6	852
<b>How difficult were the reading passages on this test?</b>																						
A. Most of the passages were more difficult than what I normally read.	12	1	13	3	38	1	13	3	38	837	12	13	38	13	38	837	8	6	34	34	26	838
B. Most of the passages were about the same as what I normally read.	49	6	19	18	56	4	13	4	13	848	49	19	56	13	13	848	52	14	54	24	8	848
C. Most of the passages were easier than what I normally read.	38	7	28	11	44	5	20	2	8	852	38	28	44	20	8	852	40	30	53	13	4	855
<b>How hard did you try on the reading part of this test?</b>																						
A. I tried harder on this test than I do on my regular schoolwork.	38	5	19	15	58	3	12	3	12	848	38	19	58	12	12	848	39	19	50	22	9	849
B. I tried about the same as I do on my regular schoolwork.	49	9	26	16	47	5	15	4	12	851	49	26	47	15	12	851	54	21	53	19	7	851
C. I did not try as hard on this test as I do on my regular schoolwork.	13	0	0	3	33	3	33	3	33	835	13	0	33	33	33	835	7	12	46	27	15	845
<b>How much time do you spend reading at home each day?</b>																						
A. more than one hour	26	6	33	9	50	2	11	1	6	856	26	33	50	11	6	856	19	26	53	15	6	853
B. 20 minutes to an hour	36	6	24	14	56	2	8	3	12	850	36	24	56	8	12	850	40	25	52	17	6	852
C. less than 20 minutes	16	2	18	4	36	1	9	4	36	840	16	18	36	9	36	840	15	18	51	21	10	849
D. I rarely read at home.	22	0	0	7	47	6	40	2	13	839	22	0	47	40	13	839	26	7	50	30	13	844
<b>How do you feel about the following statement?</b>																						
<b>"My knowledge of reading will be useful to me as an adult."</b>																						
A. strongly agree	38	8	31	12	46	2	8	4	15	851	38	31	46	8	15	851	42	27	51	15	6	853
B. agree	43	6	20	16	53	6	20	2	7	849	43	20	53	20	7	849	50	15	53	23	9	848
C. disagree	16	0	0	6	55	2	18	3	27	840	16	0	55	18	27	840	7	8	46	32	14	843
D. strongly disagree	3	0	0	0	0	1	50	1	50	819	3	0	0	50	50	819	2	6	39	35	21	840
<b>Optional school/SAU question</b>																						
A.	33	0	0	0	0	0	0	1	100	818	33	0	0	0	100	818						
B.	0										0											
C.	33	0	0	0	0	1	100	0	0	834	33	0	0	100	0	834						
D.	33	0	0	0	0	0	0	1	100	810	33	0	0	0	100	810						

# MATHEMATICS RESULTS

Test Date: March 2009  
Grade: 8  
SAU: MSAD 46  
School: Dexter Middle School

ACHIEVEMENT LEVEL DEFINITIONS		STUDENTS AT EACH ACHIEVEMENT LEVEL					
		School		SAU		State	
		N	%	N	%	N	%
<b>Exceeds the Standards</b> – The student’s work demonstrates in-depth understanding of essential concepts in mathematics, including the ability to make multiple connections among central ideas. The student’s responses demonstrate the ability to synthesize information; analyze and solve difficult problems, including developing and implementing strategies, efficiently and accurately performing procedures, and recording and justifying solutions; and explain complex concepts. (Scaled Score 862–880)	2006-2007	6	11	6	11	1952	13
	2007-2008	10	15	10	15	1657	11
	<b>2008-2009</b>	<b>15</b>	<b>22</b>	<b>15</b>	<b>22</b>	<b>2116</b>	<b>15</b>
	Cum. Total*	31	16	31	16	5725	13
<b>Meets the Standards</b> – The student’s work demonstrates a general understanding of essential concepts in mathematics, including the ability to make connections among central ideas. The student’s responses demonstrate the ability to analyze and solve problems including developing and implementing strategies, to perform procedures, and to record and explain solutions and concepts. The student’s work may contain minor errors. (Scaled Score 842–860)	2006-2007	16	30	16	30	5870	38
	2007-2008	24	36	24	36	5956	40
	<b>2008-2009</b>	<b>23</b>	<b>33</b>	<b>23</b>	<b>33</b>	<b>5443</b>	<b>38</b>
	Cum. Total*	63	33	63	33	17269	39
<b>Partially Meets the Standards</b> – The student’s work demonstrates incomplete understanding of essential concepts in mathematics and inconsistent connections among central ideas. The student’s responses demonstrate some ability to analyze and solve problems, and explain concepts. Problem solving strategies may be flawed, procedures performed inaccurately, methods not recorded and/or problems not completed. (Scaled Score 830–840)	2006-2007	16	30	16	30	3982	26
	2007-2008	19	29	19	29	3729	25
	<b>2008-2009</b>	<b>17</b>	<b>25</b>	<b>17</b>	<b>25</b>	<b>3556</b>	<b>25</b>
	Cum. Total*	52	28	52	28	11267	25
<b>Does Not Meet the Standards</b> – The student’s work demonstrates limited understanding of essential concepts in mathematics and infrequent or inaccurate connections among central ideas. The student’s responses demonstrate minimal ability to solve problems and explain concepts. Problem solving strategies and procedures are often flawed or inappropriate and there may be many omissions. (Scaled Score 800–828)	2006-2007	16	30	16	30	3534	23
	2007-2008	13	20	13	20	3579	24
	<b>2008-2009</b>	<b>14</b>	<b>20</b>	<b>14</b>	<b>20</b>	<b>3356</b>	<b>23</b>
	Cum. Total*	43	23	43	23	10469	23

Learning Results Content Standards	Number of Points Possible		Average Points Attained (Number and Percent)					
			School		SAU		State	
	N	%	N	%	N	%	N	%
<b>Mathematics Total Points</b>	<b>56</b>	<b>100</b>	30.2	53.9	30.2	53.9	28.6	51.1
<b>A. Number</b>	<b>8</b>	<b>14</b>	5.0	62.5	5.0	62.5	3.7	46.3
<b>B. Data</b>	<b>16</b>	<b>29</b>	8.7	54.4	8.7	54.4	8.9	55.6
<b>C. Geometry</b>	<b>12</b>	<b>21</b>	5.7	47.5	5.7	47.5	5.0	41.7
<b>D. Algebra</b>	<b>20</b>	<b>36</b>	10.8	54.0	10.8	54.0	10.9	54.5

The MEA assesses students’ mathematics knowledge based on questions that measure the mathematics accountability content standards contained in Maine’s 2007 *Learning Results: Parameters for Essential Instruction*, which can be found at: <http://www.maine.gov/education/lres/pei/index.html>.

Content Standard A, Number, includes Whole Number, Rational Number, and Real Number.

Content Standard B, Data, includes Measurement and Approximation, Data Analysis, and Probability.

Content Standard C, Geometry, includes Geometric Figures, Geometric Measurement, and Transformations.

Content Standard D, Algebra, includes Symbols and Expressions, Equations and Inequalities, and Functions and Relations.

# MATHEMATICS RESULTS

## (CONTINUED)

Test Date: March 2009  
Grade: 8  
SAU: MSAD 46  
School: Dexter Middle School

REPORTING CATEGORIES	School										SAU						State					
	Tested	E		M		P		D		Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score
	N	N	%	N	%	N	%	N	%		N	%	%	%	%		N	%	%	%	%	
<b>All Students</b>	69	15	22	23	33	17	25	14	20	845	69	22	33	25	20	845	14471	15	38	25	23	843
<b>Ethnicity</b>																						
African American/Black	2										2						367	6	24	26	44	831
American Indian or Native Alaskan	2										2						114	5	31	32	32	836
Asian or Pacific Islander	1										1						233	27	33	20	21	847
Hispanic	1										1						190	8	31	26	34	836
Caucasian/White	63	13	21	21	33	17	27	12	19	845	63	21	33	27	19	845	13567	15	38	25	22	843
Not Reported	0										0						0					
<b>Identified disability</b>																						
Yes	7	0	0	1	14	1	14	5	71	825	7	0	14	14	71	825	2242	2	12	22	63	824
No	62	15	24	22	35	16	26	9	15	848	62	24	35	26	15	848	12229	17	42	25	16	846
<b>Current LEP</b>																						
Yes	0										0						336	6	18	26	51	829
No	69	15	22	23	33	17	25	14	20	845	69	22	33	25	20	845	14135	15	38	25	23	843
<b>Economically disadvantaged</b>																						
Yes	40	4	10	15	38	11	28	10	25	841	40	10	38	28	25	841	5270	6	30	28	36	835
No	29	11	38	8	28	6	21	4	14	852	29	38	28	21	14	852	9201	20	42	22	16	847
<b>Migrant</b>																						
Yes	0										0						5	0	0	40	60	828
No	69	15	22	23	33	17	25	14	20	845	69	22	33	25	20	845	14466	15	38	25	23	843
<b>Gender</b>																						
Female	38	10	26	10	26	11	29	7	18	846	38	26	26	29	18	846	7070	15	39	25	22	843
Male	31	5	16	13	42	6	19	7	23	845	31	16	42	19	23	845	7401	14	36	25	25	842
Not Reported	0										0						0					
<b>Title 1A targeted program</b>																						
Yes	5	1	20	1	20	3	60	0	0	842	5	20	20	60	0	842	857	5	25	33	37	835
No	64	14	22	22	34	14	22	14	22	846	64	22	34	22	22	846	13614	15	38	24	22	843
<b>Gifted/talented program</b>																						
Yes	0										0						700	68	27	3	1	866
No	69	15	22	23	33	17	25	14	20	845	69	22	33	25	20	845	13771	12	38	26	24	841

E = Exceeds the Standards M = Meets the Standards P = Partially Meets the Standards D = Does Not Meet the Standards

NOTE: Some achievement level results have been left blank because fewer than five (5) students were tested. N = Number



# MATHEMATICS RESULTS

## (QUESTIONNAIRE ITEMS)

Test Date: March 2009  
Grade: 8  
SAU: MSAD 46  
School: Dexter Middle School

QUESTIONNAIRE ITEMS	School										SAU						State					
	Students in Each Category	E		M		P		D		Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score
		%	N	%	N	%	N	%	N			%	%	%	%			%	%	%	%	
How much homework do you do on school nights?																						
A. none	10	2	29	0	0	2	29	3	43	834	10	29	0	29	43	834	8	8	24	24	44	833
B. less than one hour	54	7	19	10	27	12	32	8	22	844	54	19	27	32	22	844	51	12	38	26	23	842
C. one to two hours	33	6	26	12	52	3	13	2	9	852	33	26	52	13	9	852	36	19	40	23	19	845
D. more than two hours	3	0	0	1	50	0	0	1	50	840	3	0	50	0	50	840	5	19	36	22	23	844
Which of the following best describes how you rate yourself as a student in mathematics?																						
A. very good	29	6	30	10	50	2	10	2	10	853	29	30	50	10	10	853	28	33	41	15	11	852
B. good	40	5	19	6	22	10	37	6	22	843	40	19	22	37	22	843	45	11	43	25	21	842
C. fair	18	1	8	4	33	3	25	4	33	840	18	8	33	25	33	840	21	3	27	35	35	834
D. poor	13	2	22	3	33	2	22	2	22	841	13	22	33	22	22	841	5	2	14	30	54	828
How well do the questions that you have just been given on this MEA test match what you have learned in school about mathematics?																						
A. The questions on the test match what I have learned in mathematics class.	26	5	28	6	33	5	28	2	11	850	26	28	33	28	11	850	28	23	41	21	15	848
B. They match some of what I have learned.	59	10	24	12	29	9	22	10	24	845	59	24	29	22	24	845	52	13	40	25	21	843
C. They match just a little of what I have learned.	12	0	0	4	50	3	38	1	13	842	12	0	50	38	13	842	16	8	28	30	34	836
D. There is no match.	3	0	0	1	50	0	0	1	50	835	3	0	50	0	50	835	4	5	15	22	58	826
How difficult was the mathematics part of this test?																						
A. more difficult than my regular schoolwork	24	2	13	4	25	3	19	7	44	834	24	13	25	19	44	834	32	6	34	29	32	837
B. about the same as my regular schoolwork	60	6	15	17	41	13	32	5	12	847	60	15	41	32	12	847	52	13	41	25	20	843
C. easier than my regular schoolwork	16	7	64	2	18	1	9	1	9	861	16	64	18	9	9	861	16	39	35	13	13	853
How hard did you try on the mathematics part of this test?																						
A. I tried harder on this test than I do on my regular schoolwork.	47	7	22	11	34	8	25	6	19	846	47	22	34	25	19	846	42	12	38	26	25	841
B. I tried about the same as I do on my regular schoolwork.	44	8	27	10	33	7	23	5	17	849	44	27	33	23	17	849	52	17	39	23	20	845
C. I did not try as hard on this test as I do on my regular schoolwork.	9	0	0	2	33	2	33	2	33	830	9	0	33	33	33	830	7	12	27	27	35	837
How often do you use calculators in mathematics class?																						
A. almost every day	14	3	30	1	10	5	50	1	10	848	14	30	10	50	10	848	34	18	40	22	20	845
B. two or three days a week	65	11	24	18	40	7	16	9	20	847	65	24	40	16	20	847	35	14	38	26	21	843
C. two or three times each month	13	1	11	3	33	2	22	3	33	840	13	11	33	22	33	840	18	12	37	27	24	841
D. never or almost never	7	0	0	1	20	3	60	1	20	833	7	0	20	60	20	833	13	9	32	25	34	837
How often do you use laptops in mathematics class?																						
A. almost every day	1	0	0	0	0	0	0	1	100	810	1	0	0	0	100	810	9	13	38	23	26	841
B. two or three days a week	13	0	0	1	11	3	33	5	56	827	13	0	11	33	56	827	17	11	37	26	26	841
C. two or three times each month	35	9	38	7	29	4	17	4	17	852	35	38	29	17	17	852	28	15	40	25	20	844
D. never or almost never	51	6	17	15	43	10	29	4	11	846	51	17	43	29	11	846	46	16	36	24	23	843
How do you feel about the following statement?																						
“My knowledge of mathematics will be useful to me as an adult.”																						
A. strongly agree	51	9	26	14	40	6	17	6	17	849	51	26	40	17	17	849	52	19	41	22	18	846
B. agree	37	3	12	9	36	8	32	5	20	842	37	12	36	32	20	842	39	11	35	27	27	840
C. disagree	7	1	20	0	0	2	40	2	40	834	7	20	0	40	40	834	6	7	28	26	39	835
D. strongly disagree	4	1	33	0	0	1	33	1	33	842	4	33	0	33	33	842	3	4	25	28	43	832
Optional school/SAU question																						
A.	33	0	0	0	0	0	0	1	100	826	33	0	0	0	100	826						
B.	0										0											
C.	33	0	0	0	0	0	0	1	100	818	33	0	0	0	100	818						
D.	33	0	0	0	0	0	0	1	100	818	33	0	0	0	100	818						

# SCIENCE RESULTS

Test Date: March 2009  
Grade: 8  
SAU: MSAD 46  
School: Dexter Middle School

ACHIEVEMENT LEVEL DEFINITIONS		STUDENTS AT EACH ACHIEVEMENT LEVEL					
		School		SAU		State	
		N	%	N	%	N	%
<b>Exceeds the Standards</b> – The student’s work demonstrates in-depth understanding of essential concepts in science, including the ability to make multiple connections among central ideas. The student’s responses demonstrate the ability to synthesize information, analyze and solve difficult problems, and explain complex concepts using evidence and proper terminology to support and communicate logical conclusions. (Scaled Score 862–880)	2008-2009*	16	23	16	23	2155	15
<b>Meets the Standards</b> – The student’s work demonstrates a general understanding of essential concepts in science, including the ability to make connections among central ideas. The student’s responses demonstrate the ability to analyze and solve routine problems and explain central concepts with sufficient clarity and accuracy to demonstrate general understanding. (Scaled Score 842–860)	2008-2009*	30	43	30	43	6687	47
<b>Partially Meets the Standards</b> – The student’s work demonstrates incomplete understanding of essential concepts in science and inconsistent connections among central ideas. The student’s responses demonstrate some ability to analyze and solve problems but the quality of responses is inconsistent. Explanation of concepts may be incomplete or unclear. (Scaled Score 828–840)	2008-2009*	12	17	12	17	3672	26
<b>Does Not Meet the Standards</b> – The student’s work demonstrates limited understanding of essential concepts in science and infrequent or inaccurate connections among central ideas. The student’s responses demonstrate minimal ability to solve problems. Explanations are illogical, incomplete, or missing. There are many inaccuracies. (Scaled Score 800–826)	2008-2009*	11	16	11	16	1749	12

Learning Results Content Standards	Number of Points Possible		Average Points Attained (Number and Percent)					
			School		SAU		State	
	N	%	N	%	N	%	N	%
<b>Science Total Points</b>	56	100	33.3	59.5	33.3	59.5	32.0	57.1
<b>D. The Physical Setting</b>	31	55	17.8	57.4	17.8	57.4	17.1	55.2
<b>D1/D2 Earth/Space</b>	17	30	9.4	55.3	9.4	55.3	9.4	55.3
<b>D3/D4 Matter and Energy/Force and Motion</b>	14	25	8.4	60.0	8.4	60.0	7.7	55.0
<b>E. The Living Environment</b>	25	45	15.5	62.0	15.5	62.0	14.9	59.6

The MEA assesses students’ science knowledge based on questions that measure the science accountability content standards highlighted in Maine’s 2007 *Learning Results: Parameters for Essential Instruction*, which can be found at: <http://www.maine.gov/education/lres/pei/index.html>.

Content Standard D. The Physical Setting  
D1 - Universe and Solar System  
D2 - Earth  
D3 - Matter and Energy  
D4 - Force and Motion

Content Standard E. The Living Environment  
E1 - Biodiversity  
E2 - Ecosystems  
E3 - Cells  
E4 - Heredity and Reproduction  
E5 - Evolution

# SCIENCE RESULTS

## (CONTINUED)

Test Date: March 2009  
Grade: 8  
SAU: MSAD 46  
School: Dexter Middle School

REPORTING CATEGORIES	School										SAU						State					
	Tested	E		M		P		D		Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score
	N	N	%	N	%	N	%	N	%		N	%	%	%	%		N	%	%	%	%	
<b>All Students</b>	69	16	23	30	43	12	17	11	16	848	69	23	43	17	16	848	14263	15	47	26	12	846
<b>Ethnicity</b>																						
African American/Black	2										2						360	4	31	35	30	835
American Indian or Native Alaskan	2										2						114	8	39	31	22	839
Asian or Pacific Islander	1										1						230	20	44	23	13	848
Hispanic	1										1						184	9	45	29	16	842
Caucasian/White	63	14	22	28	44	12	19	9	14	849	63	22	44	19	14	849	13375	15	47	25	12	846
Not Reported	0										0						0					
<b>Identified disability</b>																						
Yes	7	1	14	1	14	2	29	3	43	831	7	14	14	29	43	831	2221	3	22	36	38	832
No	62	15	24	29	47	10	16	8	13	850	62	24	47	16	13	850	12042	17	51	24	7	848
<b>Current LEP</b>																						
Yes	0										0						331	4	20	39	37	832
No	69	16	23	30	43	12	17	11	16	848	69	23	43	17	16	848	13932	15	48	25	12	846
<b>Economically disadvantaged</b>																						
Yes	40	6	15	18	45	7	18	9	23	844	40	15	45	18	23	844	5184	6	40	33	21	840
No	29	10	34	12	41	5	17	2	7	854	29	34	41	17	7	854	9079	20	51	21	8	849
<b>Migrant</b>																						
Yes	0										0						5	0	0	80	20	829
No	69	16	23	30	43	12	17	11	16	848	69	23	43	17	16	848	14258	15	47	26	12	846
<b>Gender</b>																						
Female	38	9	24	16	42	6	16	7	18	848	38	24	42	16	18	848	6953	14	47	28	11	846
Male	31	7	23	14	45	6	19	4	13	848	31	23	45	19	13	848	7310	16	46	24	13	846
Not Reported	0										0						0					
<b>Title 1A targeted program</b>																						
Yes	5	0	0	3	60	2	40	0	0	845	5	0	60	40	0	845	828	5	35	40	20	839
No	64	16	25	27	42	10	16	11	17	848	64	25	42	16	17	848	13435	16	48	25	12	846
<b>Gifted/talented program</b>																						
Yes	0										0						699	65	34	2	0	865
No	69	16	23	30	43	12	17	11	16	848	69	23	43	17	16	848	13564	13	48	27	13	845

E = Exceeds the Standards M = Meets the Standards P = Partially Meets the Standards D = Does Not Meet the Standards

NOTE: Some achievement level results have been left blank because fewer than five (5) students were tested. N = Number

# SCIENCE RESULTS

## (QUESTIONNAIRE ITEMS)

Test Date: March 2009  
Grade: 8  
SAU: MSAD 46  
School: Dexter Middle School

QUESTIONNAIRE ITEMS	School										SAU						State					
	Students in Each Category	E		M		P		D		Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score
	%	N	%	N	%	N	%	N	%		%	%	%	%	%		%	%	%	%	%	
<b>How much homework do you do on school nights?</b>																						
A. none	10	2	29	1	14	2	29	2	29	843	10	29	14	29	29	843	8	8	34	28	30	837
B. less than one hour	54	7	19	15	41	8	22	7	19	847	54	19	41	22	19	847	51	14	48	27	11	846
C. one to two hours	33	7	30	12	52	2	9	2	9	852	33	30	52	9	9	852	36	19	48	24	9	848
D. more than two hours	3	0	0	2	100	0	0	0	0	845	3	0	100	0	0	845	5	17	49	20	14	847
<b>Which of the following best describes how you rate yourself as a student in science?</b>																						
A. very good	30	8	38	9	43	1	5	3	14	852	30	38	43	5	14	852	23	27	47	17	8	851
B. good	52	5	14	18	50	7	19	6	17	847	52	14	50	19	17	847	53	15	50	26	10	847
C. fair	14	3	30	2	20	4	40	1	10	848	14	30	20	40	10	848	20	4	43	35	18	840
D. poor	3	0	0	1	50	0	0	1	50	832	3	0	50	0	50	832	4	4	27	34	35	834
<b>How well do the questions that you have just been given on this MEA test match what you have learned in school about science?</b>																						
A. The questions on the test match what I have learned in science class.	36	9	36	14	56	2	8	0	0	858	36	36	56	8	0	858	26	20	49	23	9	849
B. They match some of what I have learned.	51	5	14	15	43	10	29	5	14	845	51	14	43	29	14	845	51	14	48	26	11	846
C. They match just a little of what I have learned.	12	2	25	1	13	0	0	5	63	832	12	25	13	0	63	832	18	13	44	28	15	844
D. There is no match.	1	0	0	0	0	0	0	1	100	824	1	0	0	0	100	824	4	5	33	30	32	836
<b>How difficult was the science part of this test?</b>																						
A. more difficult than my regular schoolwork	19	3	23	4	31	3	23	3	23	845	19	23	31	23	23	845	32	13	45	28	14	844
B. about the same as my regular schoolwork	69	8	17	25	54	8	17	5	11	849	69	17	54	17	11	849	56	15	49	25	11	847
C. easier than my regular schoolwork	12	5	63	0	0	1	13	2	25	852	12	63	0	13	25	852	11	21	43	22	13	847
<b>How hard did you try on the science part of this test?</b>																						
A. I tried harder on this test than I do on my regular schoolwork.	35	5	21	12	50	4	17	3	13	846	35	21	50	17	13	846	39	14	47	27	12	845
B. I tried about the same as I do on my regular schoolwork.	54	9	24	18	49	6	16	4	11	852	54	24	49	16	11	852	55	17	48	25	10	847
C. I did not try as hard on this test as I do on my regular schoolwork.	10	2	29	0	0	1	14	4	57	834	10	29	0	14	57	834	6	8	36	29	26	839
<b>Which courses do you plan to take before you graduate from high school?</b>																						
A. earth and space science and/or biology	25	1	6	7	41	4	24	5	29	837	25	6	41	24	29	837	26	9	48	29	14	844
B. the course(s) described in A, plus chemistry	16	3	27	5	45	2	18	1	9	855	16	27	45	18	9	855	23	17	49	22	12	847
C. the course(s) described in B, plus physics	29	7	35	9	45	2	10	2	10	854	29	35	45	10	10	854	21	31	44	17	7	852
D. a life science and physical science class	30	5	24	9	43	4	19	3	14	848	30	24	43	19	14	848	30	7	46	32	14	842
<b>How well does the following statement reflect your future goals? "I am interested in a career related to science, technology, engineering, or mathematics."</b>																						
A. strongly agree	28	4	21	11	58	1	5	3	16	849	28	21	58	5	16	849	27	23	47	20	10	849
B. agree	43	6	20	11	37	7	23	6	20	844	43	20	37	23	20	844	37	14	47	27	12	846
C. disagree	13	3	33	3	33	2	22	1	11	852	13	33	33	22	11	852	25	11	48	29	12	845
D. strongly disagree	16	3	27	5	45	2	18	1	9	853	16	27	45	18	9	853	11	9	44	31	17	842
<b>How do you feel about the following statement? "My knowledge of science will be useful to me as an adult."</b>																						
A. strongly agree	39	8	30	11	41	4	15	4	15	850	39	30	41	15	15	850	31	22	46	22	10	849
B. agree	46	8	25	14	44	6	19	4	13	850	46	25	44	19	13	850	50	14	49	26	11	846
C. disagree	12	0	0	4	50	2	25	2	25	838	12	0	50	25	25	838	14	9	45	31	15	843
D. strongly disagree	3	0	0	1	50	0	0	1	50	834	3	0	50	0	50	834	5	3	38	34	25	837
<b>Optional school/SAU question</b>																						
A.	33	0	0	0	0	0	0	1	100	824	33	0	0	0	100	824						
B.	0										0											
C.	33	0	0	0	0	0	0	1	100	824	33	0	0	0	100	824						
D.	33	0	0	0	0	0	0	1	100	804	33	0	0	0	100	804						

E = Exceeds the Standards M = Meets the Standards P = Partially Meets the Standards D = Does Not Meet the Standards  
N = Number